

CHUDOZILOV, Igor; VESELY, A., inz.; STEPANEK, B., inz.

Important progress in the construction of air-inflated halls. Poz  
stavby 12 no.9:382-383 '64.

1. Research Institute of Building Construction, Worksite Prostějov.

CHUDOZILLOV, K.

Technological levels and techniques applied in housing construction. p. 267  
POZEMNI STAVBY. (Mihisterstvo stavebnictvi) Praha. Vol. 3, no. 7, July 1955

SOURCE: East European Accessions List., (EEAL), Library of Congress,  
Vol. 4, No. 12, December 1955

CHUDOZILOV, Konstantin

Some basic problems of construction of public buildings. Poz  
stavby 10 no.12:624-626 D '62.

1. Vyskumny ustav stavebni vyroby, Praha.

CHUDOZILOV, K.; ROJKO, V.

Technology of new typification plans for public buildings. Poz stavby  
11 no.2:69-75 '63.

1. Vyzkumny ustav stavebni vyroby, Praha.

CHUDOZILOV, Konstantin, ml.

Experience with fitting light metalloplastic suspended panels.  
Poz stavby 11 no.2;80-82 '63.

1. Montovane stavby Praha.

CHUDZOILOV, K.

Monrail tower cranes. For stavby 11 no.3:164-165 '63.

CHUMILOV, Konstatin ml.

Movable laminate storehouse for building sites. Poz stavby II  
no. 8:428-429 '63.

1. Prazske stavebni zavody.

CHUDOZILOV, K.

The Moscow building combine. Poz stavby 11 no.11:618-619  
'63.



CHUDOCZILOV, Konstantin

Examinations in the Course of New Technology and Economics in  
the South Bohemia Region. Poz stavby 11 no.7:400 '63.

1. Vyzkumny ustav stavebni vyroby, Praha.

IVANOV, A.M.; FALEVICH, B.N.; CHUCHUTOV, V.A.; IVANOV-DYATLOV, I.G.,  
doktor tekhn. nauk, prof., retsenzent; POPOVA, N.N., red.

[Laboratory work on reinforced concrete elements] Labora-  
tornye raboty po zhelezobetonnykh konstruktsiyam. IArslavl'  
Rosvuzizdat, 1963. 114 p. (MIRA 17:6)

1. Moskovskiy avtomobil'no-dorozhnyy institut (for Ivanov-  
Dyatlov).

PLANE I BOOK EXPLANATION 501/4221

Novocherkassk. Politehnicheskii Institut

Library of the Institute of Mechanics (Novocherkassk) 1958. 203 p. (Series: Ito; Trudy, tom 90) Printed and inserted. 2,000 copies printed.

Editorial Board: V.P. Nikoylov (Resp. Ed.), Candidate of Technical Sciences, Docent; A.A. Pytelitskiy, Professor; P.M. Vlasov, Candidate of Technical Sciences, Docent; I.M. Gombayev, Candidate of Technical Sciences, Docent; P.P. Kirov, Candidate of Technical Sciences, Docent; N.M. Serin, Candidate of Technical Sciences, Docent; and A.I. Zinurov (Resp. Secretary), Candidate of Technical Sciences, Docent; Prof. M.S. P.J. Ryabinov.

PURPOSE: This book is intended for technical personnel in mechanical engineering.

CONTENTS: This collection of works deals with investigations of internal combustion engines, metal cutting, gears, resistance-type strain gauges, and wear of machine parts. No personalities are mentioned. References accompany several of the articles.

Author: I.I. Pristina in the Metal-Cutting Process

The author briefly reviews some of the data available on this subject and presents the results of an investigation of the effect of cutting depth and speed, feeds, and tool angles on the cutting process. He concludes that in metal cutting the molecular interaction between cutting-tool and work surface has a great effect on the consumption of energy and tool wear.

Author: I.P. [Docent], Department of the Theory of Mechanisms and Machines (Moscow State University), Institute of Mechanical Engineering (Moscow State University), and Working in Pairs With Steel Gears

The author presents a summary of results of a set of experimental investigations conducted on a specially built test installation in order to determine the effect of number of teeth, velocity ratio, and circumferential velocity on the performance of a pair of gears with one gear made of steel and the other of D3-C "duralumin." The maximum circumferential unit pressure ( $g/cm$  of the tooth width) under which no appreciable wear or failure occurred was used as a criterion in determining gear load-carrying capacity.

Author: V.A. [Assistant Professor, Department of the Theory of Mechanisms and Machines (Moscow State University)], Department of the Theory of Mechanisms and Machines (Moscow State University)

Effect of Temperature on the Resistance of a Resistance-Type Strain Gauge in a Zone of High Temperature. The author presents the results of an investigation of the effect of temperature on the resistance of a strain-gauge wire in a zone of high temperature. Results show that the rate of change in the resistance is a function of time and heating temperature. It decreases with time and becomes stable when held for 8 hours at 150°C.

Author: I.A. [Docent], Effect of the Shape of the Wire Grid of a Resistance-Type Strain Gauge on the Gauge Factor

Effect of the shape of the grid wires, deformation of wires and part being tested on the gauge factor. The author presents the results of an investigation. Results show that the gauge factor is a function of the change in the number of loops between the limits of 6 and 18 and has very little effect on the gauge factor.

Author: M.M. [Senior Instructor, Department of the Theory of Mechanisms and Machines (Moscow State University)], Department of the Theory of Mechanisms and Machines (Moscow State University)

Way to Improving the Resistance of Screw Mechanisms. The wear of screw threads in the threads of screws and worm gears with square and trapezoidal screw threads is investigated. Results show that the use of a modified cast iron bearing in place of bronze and the replacement of square threads by trapezoidal will increase the wear resistance.

Author: A.A. [Assistant Professor, Department of Metal Technology and the Science of Metals], A Method of Designing Hypoid Gears With Circular Tooth Form

The method described reduces design calculations and may be used in the design of hypoid gears with a spiral angle equal to zero.

Author: I.G. [Assistant Professor, Department of the Theory of Mechanisms and Machines (Moscow State University)], On the Problem of Stability in the Tightening of Bolted Joints Under Conditions of Vibration

The author presents the results of a theoretical investigation of the process of loosening of bolted joints subjected to vibratory loads.

CHUDUTOV, V.A., assistant

Device for processing oscillograms and obtaining data for plotting  
curves of the distribution of investigated parameters. Trudy NPI  
46 '58. (MIRA 13:5)

1. Kafedra teorii mekhanizmov i detaley mashin Novochoerkasskogo  
ordena Trudovogo Krasnogo Znameni politekhnicheskogo instituta  
imeni S.Ordshonikidse.  
(Oscillography)

CHUDUTOV, V.A., assistant

Calibration of active electric transmitters and calibrating  
devices. Trudy NPI 46:76-89 '58. (MIRA 13:4)

1. Kafedra teorii mekhanizmov i detaley mashin Novocherkasskogo  
ordena Trudovogo Krasnogo Znameni politekhnicheskogo instituta  
imeni S. Ordzhonikidze.  
(Calibration) (Electric instruments)

CHUDUTOV, V. A., Cand Tech Sci -- (diss) "Research into errors of a method of measuring torsional moments by tensometric couples." Novocherkassk, 1960. 12 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Novocherkassk Order of Labor Red Banner Polytechnic Inst im S. Ordzhonikidze); 150 copies; price not given; (KL, 17-60, 161)

CHUDINTOV, V.A.

Irregularities in temperature compensation of a measuring bridge  
caused by the imperfect shape of the wire grating of a resistance  
strain gauge. Trudy NPI 107:63-65 '60. (MIRA 14:3)  
(Bridge circuits)

CHUDUTOV, V.A.

Equipment for manufacturing and testing resistance strain  
gauges. Trudy NPI 107:67-72 '60. (MIRA 14:3)  
(Strain gauges)



CHUDY, Bozena

Baska; a contribution to the knowledge of depopulation of insular settlements. Geogr glas 22:79-93 '60 (publ '61).

CHUDY, J.

A workshop of the rationalizers in the North Bohemian Lignite Mines in Most.

P. 17, (Sbirka Vynaazu) Vol. 6, no. 1, Jan. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

RUTKOWSKI, Antonin; KOZLOWSKA, Halina; CHUDY, Jan

Research on rape groats. Prum potravin 15 no. 6:283-285  
Je '64.

1. Chair of Food and Canning Technology, Higher School of  
Agriculture, Olsztyn, Poland.

*Chudy J.*  
BIEGUSZEWSKI, H.; CHUDY, J.; IWANSKA, St.

Hemoglobin and erythrocyte content of the blood in pigs born from artificial insemination. Acta physiol. polon. 8 no.3:282-283 1957.

1. Z Zakladu Fizjologii Zwierzat Wyzszej Szkoły Rolniczej w Olsztynie.  
Kierownik: s-ca prof. dr W. Minakowski.

(HEMOGLOBIN,

in blood of pigs from artif. insemination (Pol))

(ERYTHROCYTES,

count in pigs from artif. insemination (Pol))

(INSEMINATION, ARTIFICIAL,

erythrocyte count & hemoglobin level in pigs from artif. insemination (Pol))

(SWINE,

same)

CHUDY, J.  
BIEGUSZEWSKI, H.; CHUDY, J.; IWANSKA, St.

Variations of morphotic components of the blood in the great white (Polish) and Pulawy races of pigs. Acta physiol. polon. 8 no.3: 282-284 1957.

1. Z Zakladu Fizjologii Zwierzat Wyzszej Wyzszej Szkoły Rolniczej w Olsztynie Kierownik: s-ca prof. dr W. Minakowski.

(BLOOD CELLS,

count in pigs, differences in various races (Pol))

(SWINE,

blood count, differences in various races (Pol))

WOJCIAK, Marian; CHUDY, Jan

Studies on keratins. Digestion and assimilation of keratin hydrolysates and horn meal by minks. Acta physiol.polon. 11 no.3:439-446 My-Je '60.

1. Z Katedry Zywienia Zwierzat Wyzszej Szkoły Rolniczej w Olsztynie Kierownik: prof. dr J.Dubinski. i z Katedry Fizjologii Zwierzat Wyzszej Szkoły Rolniczej w Olsztynie Kierownik doc. dr W.Minakowski.

(KERATINS nutrition & diets)

CHUDY, Jan

A modified respiratory apparatus of the closed type. Acta  
physiol. pol. 14 no.2:237-242 '63.

1. Z Pracowni Fizjologii Zywienia Czlowieka Katedry Technologii  
Zywnosci i Przechowywania WSR w Olsztynie Kierownik: prof.  
dr A. Rutkowski.

(RESPIRATORS)

POLAND

BIEGUSZEWSKI, Henryk, Dr., and CHUDY, Jan, Chair of Animal Physiology (Katedra Fizjologii Zwierząt), WSR [Wyższa Szkoła Rolnicza, Higher School of Agriculture] in Olsztyn (Director: Docent, Dr. Tadeusz KRZYŃSKI)

"Morphology of the Mink's Blood."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 3, Mar 63, pp 165-168.

Abstract: [Authors' English summary modified] Investigation of white and red cell counts, reticulocyte count, hematocrit index, hemoglobin in 100 ml of blood, and leukogram revealed differences in the blood of minks subjected to nervous stimulation and those subjected to ether anaesthesia. The nervously excited animals exhibited a higher erythrocyte count, higher hematocrit index, and higher Hb content than the anesthetized animals. These differences are most likely caused by reflex changes in the distribution of the blood contents. It was found that there are also differences in the number of reticulocytes and in the leukogram. Of the seven references, six are Polish and one German.

1/1



POLAND

RUTKOWSKI, Antoni, CHUDY, Jan, EATURA, Jadwiga, and KOSKO, Irena, Chair of Food Technology and Preservation (Katedra Technologii Żywności i Przechowywania), the WSR [Wyższa Szkoła Rolnicza, Higher School of Agriculture] in Olsztyn (Director: Prof. Dr. A. RUTKOWSKI)

"Fats of Fur Animals. I. Characteristics of the Fat of the Mink (*Mustela vison* Schreb.)."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 5, May '63, pp 250-254.

Abstract: [Authors' English summary] Investigations revealed that the subcutaneous fat tissue of the minks varies in composition from its fat around the kidneys and mesentery. It is considerably richer in palmitic and linoleic acids, poorer in stearic, and contains about the same percentage of myristinic acid (7 percent). The composition and easier accessibility of the subcutaneous fat offers a possibility of its utilization, primarily in the cosmetic and pharmaceutical industries. There are nine (9) references, of which 6 are Polish, 2 German, and one is English.

1/1

CHUDY, O.

"The Mystery of Silver Clouds", P. 473, (KRIDIA VLASTI, Vol. 4, No. 20,  
Sept. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 4,  
No. 1, Jan. 1955, Uncl.

CHUDYRA, Henryk (Krakow)

Alga Porphyra tenera as food. Wszechswiat no.4:94-96 Ap '63.

CHUDYBOWA, Danuta, mgr

Settled algae of the Lepietnica stream. Acta hydrobiol 6 no.3:  
171-181 '64.

1. Department of Limnology, School of Agriculture, Olsztyn-Kortowo.

CHUDZIAK, Maria

Prolonged pregnancy. Polski tygod. lek. 13 no.43:1680-1683 27 Oct 58.

1. Szpital Powiatowy w Zgorzelcu. Z pobytu na kursie specjalizacyjnym w I.D. i S.K.L. w Warszawie; Dyrektor: Prof. dr W. Hartwig; Kierownik Zakladu: prof. dr M. Bulska.

(PREGNANCY

prolonged (Pol))

CHUDZIASZEK, Ryszard, mgr., inż.

Special cams for high pressure engine camshafts. Pt.1. Przegl  
mech 21 no.4:100-105 '62.

1. Centralne Biuro Konstrukcji Silników Spalinowych, Warszawa

CHUDZIASZEK, Ryszard, mgr., inż.

Special cams for diesel engine camshaft. Pt.2. Przegl mech 21  
no.5:146-147 '62.

1. Centralne Biuro Konstrukcji Silników Spalinowych, Warszawa

CHUDZIASZEK, Ryszard, mgr inż.

Remarks on the British industry of medium power combustion engines.  
Przegl mech 24 no.5:146-150 10 Mr '65.

1. Head of Laboratory of the Central Design Office of Combustion  
Engines, Warsaw.



**"APPROVED FOR RELEASE: 06/12/2000**

**CIA-RDP86-00513R000509030002-2**

**APPROVED FOR RELEASE: 06/12/2000**

**CIA-RDP86-00513R000509030002-2"**

40. Concrete creep A. Concrete creep is a phenomenon  
which occurs in concrete structures under long-term loading.

82113  
P/006/60/008/01/01/003

AUTHOR: Chudzikiewicz, Andrzej

188200

TITLE: Stability Loss Due to Deformation of Cross-Section

PERIODICAL: Rozprawy Inżynierskie, 1960, Vol 8, No 1, pp 45 - 61

TEXT: The stability loss caused in a thin-walled hollow bar with closed square cross-section by deformation of the walls in their planes with the beam axis remaining rectilinear, is analyzed by dealing with one wall subjected to a force and two reactions from the adjacent force, obtained from a transcendental equation. This is given in terms of the critical force of Eulerian buckling, using a coefficient derived from a transcendental equation. Dimensions of the bar are given for two different values of the coefficient derived. The analysis is then taken up using the energy method of Timoshenko (Ref. 1), and values are computed for the dimensions and the coefficient derived above. The errors do not exceed 1%. Next, the above considerations are extended to deformations in the plastic range using the theory of shear modulus of Engesser, which is justified by Karman's, Shanley's and Bleich's work in this field (Ref. 2). It is concluded that the critical load may be lower than the Eulerian force, but

Card 1/2

82113  
P/006/60/008/01/01/003

Stability Loss Due to Deformation of Cross-Section

this is most unlikely to occur in the plastic or elastic range for bars of practical dimensions; however, bars having a low modulus of elasticity and a high elastic limit may be amenable to practical considerations using this method of attack. There are 5 diagrams, 3 tables and 3 references: 2 English and 1 Polish.

ASSOCIATION: Zakład Mechaniki Budowli Politechniki Gdańskiej (Institute of Structure Mechanics of the Gdańsk Polytechnic)

SUBMITTED: April 16, 1959

Card 2/2

82115  
P/006/60/008/01/03/003

AUTHOR:  
18 8200  
TITLE:

Chudzikiewicz, Andrzej

The Influence of Deformability of the Cross-Section on the Eulerian Critical Force of a Thin-Walled Beam *do*

PERIODICAL: Rozprawy Inżynierskie, 1960, Vol 8, No 1, pp 101 - 119

TEXT: A double-T bar is subjected to compression and the influence of the resulting deformation of the cross-section on the Eulerian critical force, within the elastic range, is considered under the following conditions: the end supports are hinged and non-deformable, the critical stress of local buckling and the horizontal elements are not deformed in the plane of the entire cross-section. The buckling conditions are given by a transcendental equation derived under separate consideration of the vertical and the horizontal elements; the former being subjected to bending and compression, the latter being subjected to bending, compression and torsion. An iteration method is then developed to calculate the critical force, and the load on the horizontal elements is calculated by assuming the Eulerian stress as the first approximation. Quadratic equations are used to calculate successive approximations, and even though the iteration does not prove

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82115  
P/006/60/008/01/03/003

The Influence of Deformability of the Cross-Section on the Eulerian Critical Force of a Thin-Walled Beam

to converge rapidly, good results are obtained by interpolation. Finally, tables giving the values of various parameters of the dimensions and values of the Eulerian forces are related. These relations are discussed with regard to rolled and welded girders and a table giving results of the discussion, as applied to rolled girders is presented. There are 5 diagrams, 3 tables and 12 references: 4 English, 4 Polish, 2 German, 1 Danish and 1 Soviet.

ASSOCIATION: Zakład Mechaniki Budowli Politechniki Gdańskiej (Institute of Structure Mechanics of the Gdańsk Polytechnic)

SUBMITTED: June 29, 1959

Card 2/2

CHUDZIKIEWICZ, Andrzej

Flexural stiffness of diaphragms and the stability of thin-walled beams. Respr inż PAN 9 no.4:743-756 '61.

1. Zakład Mechaniki Budowli, Politechnika, Gdansk.

*CHUDZIKIEWICZ, Maria*

**CHUDZIKIEWICZ, Maria**

Determination of sensitivity of bacteria to antibiotics by paper disc method. Arch. immun. ter. dozw. 4:371-382 1956.

1. Zakład Mikrobiologii Akademii Medycznej we Wrocławiu (Kierownik: prof. dr St. Slopek).

(BACTERIA, eff. of drugs on  
antibiotics, sensitivity determ. by paper disc. method)

(ANTIBIOTICS, eff.  
on bact. sensitivity determ. by paper disc. method)



[illegible]

1943 - R. Chud.

LIKIEWICZ, R.

Hydro-Blast Equipment for Cleaning Castings. R. Chud.  
likiewicz. (Przeglad Odlewniczy, 1953, 3, 1, 46-48) (Pierwsza  
praca, w której opisano najnowszą aparaturę i jej zastosowanie w  
czyszczeniu odlewów).—V. G.

*J. Of The Iron, Steel, and  
V-176 Feb 1954  
Lumbering Practice*

Shell Moulding. R. Chudakiewicz. (Przebieg Odlewniczo-  
1953, 8, 10, 243-246). [in Polish]. The process of shell  
moulding is described. —v. o.

① *ma*  
*Stank*

CHUDZIKIEWICZ, R.

"Pneumatic transportation of sand," Przegląd Odlewnictwa, Krakow, Vol 4,  
No 7/8, July/Aug. 1954, p. 224.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

CHUDZIKIEWICZ, R.

✓ Perforated Pattern Plates for Rapid Exchange of Patterns  
R. Chudzikiewicz, (Przegląd Odlewniczo, 1964, 4, 112).  
841-845. (In Polish). The use of machine moulding for the  
production of single objects and small series is discussed.  
Perforated pattern plates and methods of assembling patterns  
and gating systems to perforated plates are described.—v. o.

MG  
of gw

Distr. 432c

18  
/ Planning and Mechanization of Foundries in Russia. B  
Chudzhikova. *Problemy Otkrytiya*, 1955, Oct., 794-800.  
[In English.] Projects for two typical, partly mechanized  
foundries for the production of castings for heavy machine  
tools, forges, presses, rolling mills, turbines, etc. for a me-  
chanized foundry for precision castings and for modernization  
of a small foundry for non-ferrous castings are discussed; in  
the basis of recent Russian publications. Layouts, brief  
descriptions of processing departments and processes, and  
various numerical data (technical, organizational, and statis-  
tical) are given.

East European Association, Vol. 8, No. 3, May 1956

Chudzikiewicz H. The Mechanization of Shell Moulding.  
 „Mechanizacja formowania skorupowego” Przegląd Odlewnictwa.  
 No. 1, 1957, pp. 33—39, 7 figs.

In mechanization of shell moulding, four principal methods of producing shell moulds have been developed 1) covering the pattern plate with mixture by means of a rotary container, 2) the usual stirring of the mixture on the rotary pattern plate, 3) distributing the mixture on the pattern plate by means of an air conveyor, 4) blowing the mixture through a perforated plate having a shape strictly corresponding to that of the pattern plate. The third method permits the use of two-layer shells which in turn make possible a great economy of deficit resins. In the last method, the thickness of the shell is determined by the distance between the perforated plate and the pattern plate. For blowing shell moulds, a new kind of moulding sand is used, called „pre-coated” sand. The first shell moulding machine produced in this country is, according to the classification made by F. Galy, of the class with one stable oven and with the shifting of pattern plates in a straight line. A description is given of the principle of operating Suttler S.P. 1100 moulding machine and the F 50/65 moulding machine for two-layer shells. The Polygram firm has, for gluing the shells, recently introduced a press which has two elastic diaphragms and takes the advantage of atmospheric pressure.

CHUDZIKIEWICZ, R.

"Regulation of cupola furnaces" by M.M. Brilach. Reviewed by R. Chudzikiewicz. Przegl odlew 12 no.3:96 Mr '62.



CHUDZIKIEWICZ, Ryszard (Szczecin)

Experiences with hot-blast cupola furnaces erected in Poland. Ontario  
13 no.1:8-13 Ja '62.

(Poland—Cupola furnaces)

CHUDZIKIEWICZ, Ryszard; KUKULA, Tadeusz

Stack radiation recuperators for cupolas. Slevarenstvi 11 no.4:141-143 Ap '63.

1. Stetinska polytechnika, slevarenska katedra, Polsko.

CHUDZIKIEWICZ, Ryszard, dr. inż.; KUKULA, Tadeusz, mgr. inż.

Putties of epoxy resins for the repair of cast-iron castings.  
Przeg odlew 13 no. 8/9:226-227 Ag-S '63.

CHUDZIKIEWICZ, Ryszard, dr inż.

Utilization of radiated cupola recuperators. Przegl  
odlew 13 no. 10: 261-264 0 '63.

CHUDZIKIEWICZ, Ryszard, dr inż.

Cooling of cupola lining. Przegl odlew 13 no. 5: 143-145  
Mg '63.

CHODZICA, Ryszard

Cupola control and measuring apparatus with chimney recuperator.  
Przepl. odlew 14 no. 8/9:259-261 Ag-S '64.

CHUDZIKIEWICZ, Stefan

The new type truck for the Polish Railroads. Przegl.kolej.  
mechan. 14 no.7:223-224 J1 '62.

1. Centralny Zarząd Wagonów, Warszawa.

CHUDZIKIEWICZ, Stefan

Technological progress in the construction of cars during  
the years 1953-1963. Przegl kolej mechan 10 [i.e.15] no.9:  
260-266, 8'63

1. Central Car management, Warsaw.



CHUDZIKIEWICZ, T.

Antabuse and its effect on the circulation during therapy of chronic alcoholism. Polski tygod. lek. 8 no.22:783-786 1 June 1953. (CJML 25:1)

1. Of the First Internal Clinic (Head--Prof. L. Tochowiec, M.D.) of Krakow Medical Academy and of the Department of Male Alcoholics of State Neuro-Psychiatric Hospital (Director--Z. Mieniewski, M.D.), Krakow-Kobierzyn.

EXCERPTA MEDICA Sec.17 Vol.4/4 Public Health, etc. Apr 58

*Chudzikiewicz T.*

1337. OCCUPATION, AGE AND SEASONS OF THE YEAR AND MYOCARDIAL INFARCTION - Zawód wiek i pora roku a zawał mięśnia serca - *Chudzikiewicz T.* I. Klin. Chor. Wewn. A.M., Kraków - POL. TYG. LEK. 1957, 12/24 (801-804) Graphs 1 Tables 3

212 patients were examined, 180 men (84.9%) and 32 women (15.1%), including 136 intellectual workers (64.1%), 49 qualified workers and artisans (23.1%) and 27 manual workers (12.8%). The greatest incidence of myocardial infarction was found in men between 50 and 55 yr.; in women between 55 and 60 yr. The average age of men suffering from myocardial infarction amounted to 54 yr., in women to 57 yr. Physicians fall victims to myocardial infarction in the youngest age group. The oldest group of patients consisted of officials and of manual workers. The season of the year - besides summer, when the incidence is the lowest - has no influence on the incidence of myocardial infarction. The actual meteorological-climatic conditions are important. Among women the incidence of myocardial infarction is most frequent among housewives. (XVIII, 6, 17)

CHUDZIKIEWICZ, Tadeusz

Control of 112 patients with the history of myocardial infarct.  
Polskie arch.med.wewn. 30 no.7:937-939 '60.

1. S I Kliniki Chorob Wewnętrznych A.M. w Krakowie Kierownik:  
prof. dr med. L. Tochewicz  
(MYOCARDIAL INFARCT)

CHUDZIKIEWICZ, Tadeusz

Etiopathogenesis of myocardial infarction in the light of our investigations. Polski tygod. lek. 16 no.28:1066-1070 10 J1 '61.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Krakowie; kierownik: prof. dr Leon Tochowicz.

(MYOCARDIAL INFARCT etiol)

CHUDZIKIEWICZ, Tadeusz; MARCZEK, Stefan

Pancreatic calculi complicated by diabetes. Pol. tyg. lek. 19  
no.35:1335-1336 31 Ag '64.

1. 2 I Kliniki Chorob Wewnętrznych Akademii Medycznej w Krakowie  
(kierownik: prof. dr Leon Tochowiec).

1st AND 2ND DEGREE										PROCESSES AND PROPERTIES INDEX										1st AND 2ND DEGREE									
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <h2 style="margin: 0;">CHUDZINSKI, J.</h2> </div> <div style="width: 10%; text-align: right;"> <div style="border: 1px solid black; padding: 2px; font-weight: bold;">17</div> </div> </div> <div style="margin-top: 20px; text-align: center;"> <p><b>The Application of Powder Metallurgy to Mechanical Engineering.</b> (J. Chudzinski. (Przegląd Techniczny, 1949, vol. 69, Apr. 12, pp. 126-130). [In Polish]. A brief review is given of production by and application of powder metallurgy in mechanical engineering, particular attention being given to self-lubricating bearings.—W. J. W.</p> </div>																													
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CHUDZINSKI, J., mgr inż.

"Pipelines in power engineering" by W. Beczkowski. Reviewed by  
J. Chudzinski. Przegl mech 22 no. 13:424 10 J1 '63.

CHUDZINSKI, J.

P.O.L.

3216

586.11:631.753.3

Chudzinski J. Glass as a Substitute for Steel in Gauges.

"Szkło jako materiał zastępczy do wyrobu sprawdzianów statycznych".  
Przegląd Mechaniczny. No. 9. 1953, pp. 317-321, 17 figs., 7 tabs.

The author deals with the prospects and applicability of technical glass in the manufacture of non-adjustable gauges. He demonstrates the greater economy in use, and stresses the fact that glass gauges cost 60 per cent less to make than do steel gauges. Moreover, the introduction of glass gauges results in an appreciable saving in steel used in such gauges and of tool steel used in machining them. The article contains, together with suggestions, details as to the chemical composition of glass used in gauge manufacture, physical and chemical properties of such glass, glass gauge types, design, manufacturing methods and processing and test results.



CHUDZINSKI, J.

One-dimensional (isometric) technical drawings. P. 67  
MECHANIK Warszawa (Stowarsyszenie Inzierow i techikow  
Polskich) Vol. 28, no. 2, February 1956

SOURCE: EEAL IC Vol. 5, no. 7, July 1956

P/015/62/000/012/001/003  
D226/D307

AUTHOR: Chudziński, Jerzy

TITLE: Some results of studies of the glazed surfaces of  
high-voltage insulators

PERIODICAL: Szkło i Ceramika, no. 12, 1962, 357-374

TEXT: A summary of one of the 6 lectures given at a seminar held under the auspices of Instytut Elektrotechniki (Institute of Electrical Technology) at Warszawa-Międzylesie in June 1962. The seminar was attended by representatives of Akademia Górniczo-Hutnicza (Academy of Mining and Metallurgy), Politechnika Warszawska (Warsaw Polytechnic Institute), Politechnika Śląska (Silesia Polytechnic Institute) etc. and was presided over by Prof. Dr. L. Winogradow, Head of Katedra Technologii Porcelany A.G.H. (Department of Porcelain Technology of the A.G.H.). The present work was carried out at Katedra Mechaniki i Urządzeń Maszynowych Politechniki Warszawskiej (Department of Machine Science and Machine Installations of Warsaw Polytechnic Institute), under the leadership of Head of Department, Docent, Card 1/3

Some results of studies ...

P/015/62/000/012/001/003  
D226/D307

Master of Science, Engineer H. Knabe. The effects of surface texture on electrical and mechanical strength and on the resistance to high temperatures and chemical attack are described and discussed, demonstrating the need for a quantitative measure of surface texture. The object of this investigation was to assess the usefulness of various methods which could be adapted to this purpose. The methods tried may be classified into (1) metallographic and electron microscopic studies of the surface and of transverse sections of the glaze, (2) initial studies of glaze discontinuities by defectoscopy, and (3) measurements of surface roughness by interference and contact-profiling methods. It is concluded that (1) may be applied to the control of glaze thickness, and to control of technological glazing processes by direct or indirect (replicas) observations of structure and microtopography of the glaze. Deviations from standards (standard photomicrographs) could then be detected by comparison. Further research is needed in this direction, and into combined studies of the same surface by optical and electron microscopy to facilitate the interpretation of electron microphotographs. W.r.t. defectoscopy, the electrostatic method appears promising for the control of glaze quality. Card 2/3

Some results of studies ...

P/015/62/000/012/001/003  
D226/D307

ity. Both methods studied under (3) should be developed, particularly to be used on replicas to avoid destruction of the specimen. There are 53 figures and 5 tables.

ASSOCIATION: Politechnika Warszawska (Warsaw Polytechnic Institute)

Card 3/3

CHUDZINSKI, Z.

Characteristics of glues used in the plywood industry. p. 87

RODZNIKI MASZK LESNYCH vol. 9, 1954

Poland

so. EAST EUROPEAN ACCESSIONS LIST vol. 5, no. 10 Oct. 1956

POLAND / Chemical Technology, Chemical Products and Their  
Application. Synthetic Polymers. Plastics.

H-29

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17584

Author : Chudzinski, Z.

Inst : Not given

Title : Investigation of Possibilities of a More Rational  
Utilization of Phenol or its Substitution in the  
Manufacture of the Thermosetting Phenolic Glues

Orig Pub : Prace Inst. technol. drewna, 1958, 4, No 4, 5-88

Abstract : Investigations conducted by the Polish Institute of  
Wood Technology (in Poznan') established that glues made  
of cresolformaldehyde (I) and xylenolformaldehyde (II)  
and particularly glues composed of I and II mixtures  
(or glues obtained in the simultaneous condensation of  
cresol and xylenol with formaldehyde) are, as a rule,  
superior in properties to the phenolformaldehyde glues (III)

Card 1/2

POLAND / Chemical Technology, Chemical Products and Their  
Application. Synthetic Polymers. Plastics.

H-29

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17584

when employed as binding agents in the manufacture of plywood. The sensitivity to moisture of plywood made with I and II as compared to that made with III is of the same order of magnitude. In view of greater availability and of lower cost of cresol and xylenols as compared to phenol, it is recommended to substitute III in the plywood industry with I and II to the greatest possible extent. -- L. Pesin

Card 2/2

H-132)

Met. Rev.  
1952

CHUDZIO, B.

A - General Metallurgical

55-A. Nonferrous Metals in the 6-Year Plan. (In Polish.) Boleslaw Chudzio, *Hutnik*, v. 17, Nov-Dec. 1960 p. 602-470.

Developments planned for the next six years in Poland. Includes plans for development of native Sn-Pb, Cu, and Ni ores; beneficiation and smelting problems; refining and fabrication problems; rolling; and training programs.  
(A6, B general, C general, F23, EO-a)



0000210, BARIŚIAW

2

14020\* New Standards for Magnesium and Its Alloys. Nowe normy na magnez i jego stopy. (Polish.) Wiadomości Hutnicze, v. 11, nos. 7-8, July-Aug. 1961, p. 223. MG.  
Chemical composition and mechanical properties of electrolytic Mg. and forging and casting alloys. Tables.

df gw

CHUDZNSKI, M.

"Water Utilization as a Basis of Economic Development." p. 50 (HORYZONTY TECHNIKI,  
Vol. 6, No. 2, Feb. 1953) Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 10,  
October 1953. Unclassified.

CHUDZYNSKI, M.

"Organization of the education of water-supply engineers." p. 7  
(Gospodarka Wodna, Vol 13 No 1 Jan 53 Warszawa)

SO: Monthly List of East European Acquisitions, Vol 2 No 9 Library of Congress Sept 53 Uncl

CHUDZYNSKI, M.

PUCZYNSKI, K; CHUDZYNSKI, M.

"Drainage of the foundations of constructions." p.142  
(Gospodarka Wodna, Vol 13 No 4 Apr 53 Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Uncl

CHUDZYNSKI, M.; SZCZAWINSKI, A.

The problems of decreasing the prime cost of hydraulic engineering. p.415  
GOSPODARKA WODNA (Naczelna Organizacja Techniczna) Warszawa  
Vol. 14, no. 11, Nov. 1954

So. East European Accessions List

Vol. 5, No. 9

September 1956

CHUDZYNSKI, M.

"An inquiry on the project concerning aggregates of machinery and installations for waterworks and waterworks improvements."

p. 587 (Gospodarka Wodna) Vol. 17, no. 12, Dec. 1957  
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

CHUDZYNSKI, M.; PUCZYNSKI, K.

An interview with E. Czetwertynski, acting chairman of the Water Management Committee of the Polish Academy of Sciences. p. 93.

GOSPODARKA WODNA. Warszawa, Poland. Vol. 18, no. 3, 1958

Monthly List of East European Accessions, (EEAI) LC, Vol. 9, no. 2, Feb. 1960  
Uncl.

CHUDZYNSKI, M.

TECHNOLOGY

PERIODICAL: GOSPODARKA WODNA. Vol. 18, no. 6, June 1958.

CHUDZYNSKI, M. Interview with Mr. E. Zadrzynski, Undersecretary of State in the Ministry of Mining and Power. p. 234.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 4.

April 1959, Unclass



CHUDZYNSKI, M., mgr., ins.

Informations on drainage and meadows. Gosp wodna 22 no.2:66-68  
F '62.

CHUDZYNSKI, Marian, mgr.ins.

Irrigation in Bulgaria. Gosp wodna 22 no.8:363-368 '62.

CHUDZYNSKI, Marian, mgr inż.

Some remarks on technical progress in water management and  
hydraulic engineering. Gosp wodna 23 no.6:209-212 Je '63.

CHUDZYNSKI, Marian, mgr inz.

Fifteen years of the Publication Agency of Technical Periodicals  
of the Central Technical Organization. Gosp wodna 24 no.12:  
441 D '64.

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<p>Silicone resins. S. Chudzynski. <i>Prosmysl Chem.</i> 27, 22-0(1948). -- The chemistry of the organosilicone compds. and their industrial development is reviewed. P. G.</p>																																																																																																																													
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P.T.A. CHUDZYNSKI, S.

Chemistry + Chemical  
Technology

548

547.472.3.05

Chudzyński S. Methods of Purification of Lactic Acid.  
"Metody oczyszczania kwasu mlekowego" Przemysł Chemiczny.  
No. 6, 1949, pp. 211-213, 2 tabs.

The fundamental methods of purification of lactic acid are discussed: methods based on the crystallization of lactates, extraction methods, methods of purification by means of oxidizing agents, distillation methods and methods based on the preparation and rectification of esters as intermediate products in the preparation of lactic acid of high purity.

— HUBBARD, S.

18

*α*-Unsaturated acids. Stefan Chudzyński. *Przemysł Chem.* 3, (28) 379-81(1949).—A no. of methods of preparing *α*-unsatd. acids industrially is reviewed and the method of Burns, *et al.* (*C.A.* 39, 8070) is described in detail. 20 references. . . . . Frank Conet

CHUDZYNSKI, S.

CA

10

Biphenyl production. S. Chudzyński. *Przemysł Chem.*  
 1950-94(1950).—The production of Ph<sub>2</sub> by pyrolysis of  
 C<sub>6</sub>H<sub>6</sub> and the influence of org. and inorg. compds. on the  
 yield were investigated. Ni decomposed the Ph<sub>2</sub> produced,  
 while permice tended to increase the yield. EtOH increased  
 the yield most markedly, with a max. increase of 150% at  
 735°. However, increased temp. and increased velocity of  
 vapor flow resulted in a decrease in output: at 810° it was  
 practically zero. The addn. of AcH and EtOME gave no,  
 or at most, inconclusive results. Frank Gonet

1952



1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p>GHUDZ-YNSKI, S.</p> <p>BC</p> <p>12</p> <p>1</p> <p>Library collection of books. S. Chudayshi (Journ. chem., 1964, vol. 24, nos. 1-24). Published with illustrations. R. Tauscos.</p> <p>ASB-344 METALLURGICAL LITERATURE CLASSIFICATION</p>																			
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Chudzynski, S.

Preparation of methyl acrylate from lactic acid. S.  
Chudzynski. *Prace Głównego Inst. Chem. Preczyn.*  
1951. No. 3, 3-6 (Pub. 1952); cf. C.A. 23, 8307; 41.  
5546f. —A review with 44 references. Michael Dymicki

CHUDZYNSKI, S.

② 2  
Preparation of methyl lactate by a continuous method.  
S. Chudzynski, *Prace Chem. Inst. Chem. Przemys.*  
1961, No. 8, 1-17 (Pub. 1962). At the bottom of a glass  
tube, 130 cm. long, 35 mm. wide, 105 cm. filled with granu-  
lated glass, immersed in a bath, are introduced continuously  
vapors of MeOH. At the top of this tube is added 30-40  
g./hr. tech. MeCHOHCO<sub>2</sub>H (I) cont. 0.25-1.0 ml. H<sub>2</sub>SO<sub>4</sub>,  
in a ratio to MeOH of 1:10, resp. Vapors from the reactor  
are passed into a column with temp. so adjusted that MeOH  
distills and is recycled. Ester, H<sub>2</sub>O, and unreacted I are  
collected in a receiver at the bottom of the column  
over anhyd. Na<sub>2</sub>SO<sub>4</sub>. Pure product is obtained by  
azeotropic distn. with C<sub>6</sub>H<sub>6</sub> and subsequent fractiona-  
tion; bp 80°, n<sub>D</sub><sup>20</sup> 1.0608, av. yield 75%. The purity of I  
does not influence the yield; and most efficient rate of addn.  
is 30-40 g./hr. Ratio of I to MeOH should be above 1:10.  
Acid agents decrease the yield, because of hydrolysis. The  
main factors influencing the yield are (a) good grade of  
anhyd. Na<sub>2</sub>SO<sub>4</sub>, which should be fresh, (b) cooling the re-  
ceiver, (c) quickness of the azeotropic distn. and neutraliza-  
tion of the mineral acid. 43 references. M. D.

Chudzynski, J.

Local Area

Phonograph



CHUDZYNSKI, S.

Synthesis of dimethylvinylethynylcarbinol. p. 347. (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 7, July 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

CHUDZYNSKI, S.

With reference to the article "Remarks on the Terminology of  
Porous Plastics." Polimery tworzyw 7 no.9:351-352 S  
'62.

1. Instytut Tworzyw Sztucznych, Warszawa.

CHUDZYNSKI, S.

"Thermohardenable laminates" by Jan Brzezinski. Reviewed  
by S. Chudzynski. Polimery tworzyw wielk 8 no. 7/8:319-320  
Jl-Ag'63.

CHUDZYNSKI, S.; HEMPFL, K.; HERTZ, Z.

The Thirty-fifth Congress of Industrial Chemistry, Warsaw,  
September 16-19, 1964. Polimery tworzyw wielk 10 no.2:78-  
85 F '65.



AUTHOR:  
TITLE:

TRUSH, I.V., CHUPARKIN, T.Ye.  
Increase of the Resistibility to Wear of Self-Centering Clamping  
Devices. (Povysheniye iznosostoykosti samotsentriruyushchikh  
sashimnykh ustroystv, Russian)  
Stanki i Instrument, 1957, Vol 28, Nr 7, pp 36-37 (U.S.S.R.)

121-7-19/26

PERIODICAL:

ABSTRACT:

In the "MOLOTOV" automobile factory at Gorki the spiral disk of the self-centering 3-jaw chuck were made of 40X steel,  $R_c = 20 - 25$ , and wore quickly when used. In order to increase their life the process of nitration was used; the semi-finished product made of 40X steel was hardened after previous mechanical treatment with an addition of 1.5-2.0 mm, after which it was highly tempered. After this, the hardness of the semi-finished product had risen to  $R_c = 23 - 26$ . After final treatment the surface cleanliness corresponded to the 6-th class. The sharp edges were rounded off as much as possible. Before nitration the disks must be rubbed and cleaned of grease. Nitration is carried out according to the 3-step process in an electric furnace at  $580^\circ$ , in a muffle of heat-resistant steel; the workpieces are put in in such a manner that they do not touch one another. Nitration takes 24 hours, cooling takes place up to  $100^\circ$  in the

Card 1/2

Increase of the Resistibility to Wear of Self-Centering Clamping  
Devices. 121-7-19/26

muffle while ammonia is continuously fed, and later in air.  
The depth of the nitration layer is 0.25-0.30 mm, hardness  
Ro = 48 - 51. As is shown by tests of long duration in factories,  
the life of the nitrated disks increased to the 3-fold, and  
annual consumption diminished considerably.

ASSOCIATION:  
PRESENTED BY:  
SUBMITTED:  
AVAILABLE:

Not given

Library of Congress

Card 2/2

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1ST AND 2ND ORDERS

PROCESSES AND PREPARATIONS

10TH AND 4TH ORDERS

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9

The corrosive action of potassium (and other alkali) salt solutions on metals. I. Action on cast iron and lead. V. K. PERMER AND G. I. CHUPAROV. *Ann. Inst. Polytech. Oural* 7, 81-90(1929-30); *Chem. Zentr.* 1931, T. 2390; *cf. C. A.* 26, 4433. The actions of solns. of carnallite, sylvinite, NaCl, KCl and MgCl<sub>2</sub> on cast iron and lead were studied. Cast iron was most strongly attacked by NaCl and least by MgCl<sub>2</sub>, KCl having an intermediate action. Sylvinite soln. corrodes more strongly than carnallite. Dil. solns. are more corrosive than concd. The corrosive action of the former is 1.25-1.75 times that of water, while that of the latter is less than that of water. Satg. the salt solns. with air increases their corrosive action 3 times, light 1.7 times. The lower the content of impurities in the iron, the less it is corroded. A coating of wood tar serves as an effective protection for the iron and lowers the corrosion to 1/4. Lead is 9 times more resistant to the action of salt solns. than iron. M. G. M.

COMMON ELEMENTS

OPEN

MATERIALS INDEX

ASM-AIA METALLURGICAL LITERATURE CLASSIFICATION

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<p>CH</p> <p>18</p> <p>Hydrochloric acid and magnesia from magnesium chloride. V. K. PERSHIK AND G. I. CHUPAROV. <i>J. Chem. Ind. (Moscow)</i> 7, 332-5 (1930). --A method is described for MgO and HCl by prepn. of solid cement from 35% MgCl<sub>2</sub> soln. and MgO (100 parts MgCl<sub>2</sub> soln. to 10 parts MgO by wt.), drying at 250° to 50% loss of wt., calcining at 500° in air-water vapor mixt. (1 part vapor to 1 part MgO by wt. based on total Mg). The products obtained are HCl, sp. gr. 1.14-1.15, and MgO containing 0.5% Cl.</p> <p>JAMES SOMMER</p>																																																			
<p>ASAC-51.4 METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			